

Title (en)
INDUSTRIAL ROBOT WITH MASS BALANCE

Title (de)
INDUSTRIEROBOTER MIT MASSEN AUSGLEICH

Title (fr)
ROBOT INDUSTRIEL AVEC EQUILIBRAGE DES MASSES

Publication
EP 0819041 B1 19981202 (DE)

Application
EP 96909172 A 19960404

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• EP 9601478 W 19960404

Abstract (en)
[origin: CA2217224A1] The invention concerns a multiple axis industrial robot (1) with a frame (2), an arm (7), an extension arm (13) and a robot hand (18), these elements being mounted so as to articulate with one another and drive-operated. The arm (7) is over-mounted on one side of the frame (18, 14) and situated to one side of the system plane (21). The arm (7) is connected to a static hydraulic mass balance (23) located on the same side of the system plane as the arm. The extension arm is likewise over-mounted on one side of the arm (7) and located with the arm bearing head (32) of the frame (2) within the system plane (21).

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B25J 9/047 (2013.01); **B25J 19/0012** (2013.01)

Cited by
DE102009043405B3; EP2832504A3; US9381644B2; WO2004020160A1; EP2301727A1; US10987817B2

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